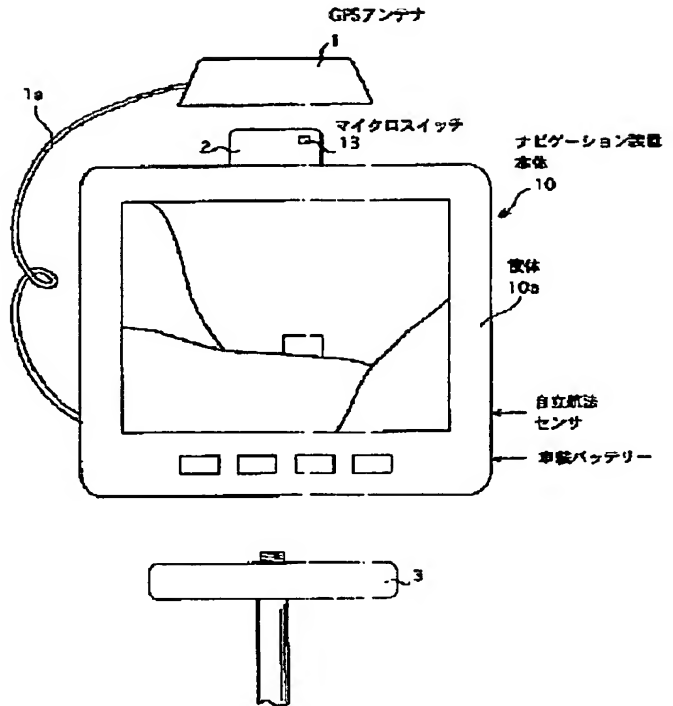


# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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APPLICANT : ALPINE ELECTRON INC;  
  
INVENTOR : OKADA HIROKI;  
  
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G08G 1/0969 G09B 29/10  
  
TITLE : PORTABLE NAVIGATION SYSTEM



ABSTRACT : PROBLEM TO BE SOLVED: To obtain a portable navigation system which can be removed from a vehicle and carried for walking in which the position is recorded automatically upon removable from the vehicle and a user can be guided to the position of the vehicle.

SOLUTION: A GPS antenna 1 is fixed to a dashboard, or the like, when a portable navigation system is mounted on a vehicle and fixed to an antenna fixing section 2 above the navigation system body 10 when the portable navigation system is carried. When fixing of the GPS antenna 1 to the antenna fixing section 2 is detected through a microswitch 13, the control section in the navigation system body 10 controls a positional information memory section to store the current position and date automatically.

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